

Datasheet for ABIN7266210

anti-CD63 antibody

7 Images

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Overview

Quantity:	100 µL
Target:	CD63
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD63 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	CD63 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD63
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD63
Alternative Name:	CD63 (CD63 Products)
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also

Target Details

known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012],CD63,LAMP-3,ME491,MLA1,OMA81H,TSPAN30,CD63 antigen,CD63,Blood,Cancer,Cardiovascular,CDs,Cell Adhesion,Cell Biology & Developmental Biology,Immunology & Inflammation,Invasion and Metastasis,Tumor biomarkers,CD63

Molecular Weight: 26kDa

Gene ID: 967

UniProt: [P08962](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

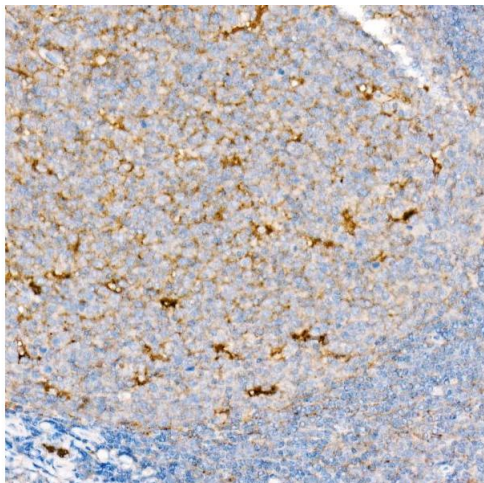
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

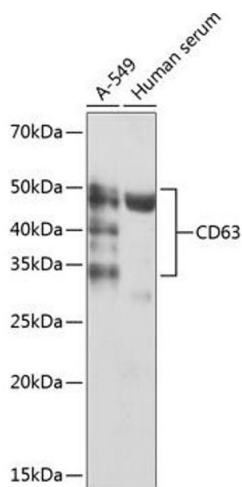
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



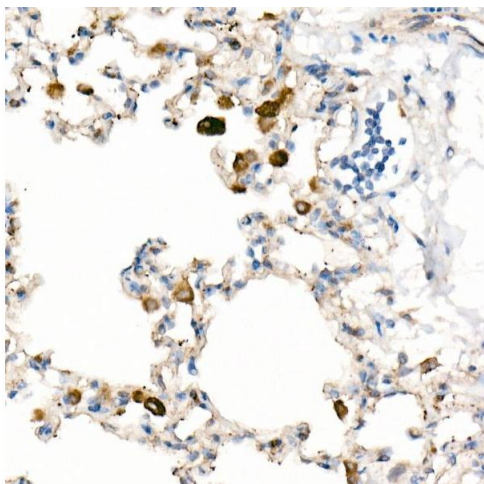
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil using CD63 antibody (ABIN7266210) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD63 antibody (ABIN7266210) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 min.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Rat lung using CD63 antibody (ABIN7266210) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7266210.